

JC04●c'd PCT/PTO 27 JUN 2005

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, on the below date:

Date: June 23, 2005 Name: John G. RauchSignature: **BRINKS
HOFFER
GILSON
& LIONE****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

BARTH, Hans-Joachim, et al.

Serial No.: 10/512,016

Filed: October 19, 2004

National application based on PCT/DE03/01205

International App. Filing date: April 10, 2003

For: METHOD FOR FABRICATING THIN
METAL-CONTAINING LAYERS HAVING
LOW ELECTRICAL RESISTANCE

Attention: Manager,
Application Branch

Mail Stop Missing Parts
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL

Sir:

Attached is/are:

- ☒ Response to Notification of Missing Requirements, in duplicate; Declaration for Patent Application, Power of Attorney & Designation of Correspondence Address; Petition and Fee for Extension of Time, in dupl; Preliminary Amendment with 3 replacement sheets drawings; English translation of application; Substitute Specification Under 37 C.F.R. Section 1.125; Substitute Specification Under 37 C.F.R. Section 1.125 (with markings to show changes); copy of Notice

- ☒ Return Receipt Postcard

Fee calculation:

- ☒ No additional fee is required.
- ☐ Small Entity.
- ☐ An extension fee in an amount of \$_____ for a _____-month extension of time under 37 C.F.R. § 1.136(a).
- ☐ A petition or processing fee in an amount of \$_____ under 37 C.F.R. § 1.17(_____).
- ☐ An additional filing fee has been calculated as shown below:

					Small Entity			Not a Small Entity	
	Claims Remaining After Amendment		Highest No. Previously Paid For	Present Extra	Rate	Add'l Fee	or	Rate	Add'l Fee
Total		Minus			x \$25=			x \$50=	
Indep.		Minus			x 100=			x \$200=	
First Presentation of Multiple Dep. Claim					+\$180=			+\$360=	
					Total	\$		Total	\$

Fee payment:

- ☐ A check in the amount of \$_____ is enclosed.

- ☒ Please charge Deposit Account No. 23-1925 in the amount of \$280 (three fees total). A copy of this Transmittal is enclosed for this purpose.
- ☐ Payment by credit card in the amount of \$_____ (Form PTO-2038 is attached).
- ☒ The Director is hereby authorized to charge payment of any additional filing fees required under 37 CFR § 1.16 and any patent application processing fees under 37 CFR § 1.17 associated with this paper (including any extension fee required to ensure that this paper is timely filed), or to credit any overpayment, to Deposit Account No. 23-1925.

Date

6/23/2005

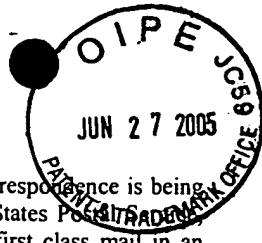
Respectfully submitted,



John G. Rauch (Reg. No. 37,218)

07/06/2005 SNAJARRO 00000008 231925 10512016

01 FC:1617	130.00 DA
02 FC:1618	130.00 DA



Rec'd PCT/PTO

10/512,016
27 JUN 2005 #5

I hereby certify that this correspondence is being deposited with the United States Patent and Trademark Office, with sufficient postage, as first class mail in an envelope addressed to:

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313
on June 23, 2005

Date of Deposit

John G. Rauch

Name of applicant, assignee or
Registered Representative

Signature

6/28/05

Date of Signature

Case No. 10808-163

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

BARTH, Hans-Joachim, et al.

Serial No.: 10/512,016

Filed: October 19, 2004

National application based on PCT/DE03/01205

International App. Filing date: April 10, 2003

For: METHOD FOR FABRICATING
THIN METAL-CONTAINING
LAYERS HAVING LOW
ELECTRICAL RESISTANCE

Attention: Manager,
Application Branch

RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Attn.:

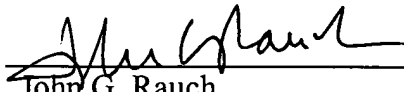
Dear Sir:

In accordance with the Notification of Missing Requirements of Application Filing Date Granted dated March 30, 2005, a copy of which is attached, enclosed herewith for filing are the following documents:

- ☒ Fully executed Declaration for Patent Application, Power of Attorney & Designation of Correspondence Address for the above-referenced patent application.
- ☒ Applicant is:
- ☐ a small entity, verified statement is:
- ☐ attached
- ☐ already filed
- ☒ other than small entity
- ☒ The Deposit Account (No. 23-1925) is authorized for the following fees:
- ☒ One-Month Extension of Time \$120.
- ☒ Late Oath or Declaration Surcharge of \$130.
- ☒ English Translation Surcharge of \$130.
- ☐ Additional Claim Fees of \$____.
- ☒ Petition for Extension of Time (37 C.F.R. § 1.136(a)) (one-month) to file missing parts (in duplicate).
- ☒ Other: Preliminary Amendment with 3 sheets replacement drawings; English translation of application; Substitute Specification Under 37 C.F.R. Section 1.125; Substitute Specification Under 37 C.F.R. Section 1.125 (with markings to show changes).
- ☒ The Commissioner is hereby authorized to charge any deficiencies in fees or credit overpayment to Deposit Account No. 23-1925. A duplicate copy of this paper is enclosed.

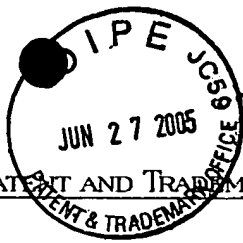
Respectfully submitted,

Dated: June 23, 2005



John G. Rauch
Registration No. 37,218
Attorney for Applicant(s)

BRINKS HOFER GILSON & LIONE
P.O. BOX 10395
CHICAGO, IL 60610
(312)321-4200



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

PCT

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/512,016	Hans-Joachim Barth	10808/163

INTERNATIONAL APPLICATION NO.

PCT/DE03/01205

I.A. FILING DATE

04/10/2003

PRIORITY DATE

04/22/2002

John G. Rauch
 Brinks Hofer Gilson & Lione
 Po Box 10395
 Chicago, IL 60610

CONFIRMATION NO. 8447

371 FORMALITIES LETTER



OC000000015589688

Date Mailed: 03/30/2005

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 10/19/2004
- English Translation of the IA filed on 10/19/2004
- Copy of the International Search Report filed on 10/19/2004
- Copy of IPE Report filed on 10/19/2004
- Copy of Annexes to the IPER filed on 10/19/2004
- English Translation of Annexes to the IPE filed on 10/19/2004
- Preliminary Amendments filed on 10/19/2004
- Information Disclosure Statements filed on 10/19/2004
- Request for Immediate Examination filed on 10/19/2004
- U.S. Basic National Fees filed on 10/19/2004

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Translation of the application into English. The current translation of the application into English is defective as described below. Note a processing fee will be required if submitted later than 30 months from the priority date.
 - The text in the drawings has not been properly translated.
- Processing fee for providing the translation of the application and/or the Annexes later than 30 months from the priority date (37 CFR 1.492(f)).
- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

- \$130 Surcharge for providing the oath or declaration later than 30 months from the priority date (37 CFR 1.492(e)) is required.

SUMMARY OF FEES DUE:

Total additional fees required for this application is **\$260** for a Large Entity:

- \$130 Late oath or declaration Surcharge.
- \$130 for English translation surcharge required.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

KAREN M WILLIAMS

Telephone: (703) 308-9140 EXT 213

PART 2 - OFFICE COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/512,016	PCT/DE03/01205	10808/163